

Boxes 4-5, Missouri
Work with T. Phelex
1966 - continuation
of Devonian into
Missouri

Formations

Upper Callaway
Callaway Limestone
Cooper Limestone
Rensselandia Bed Central Mo
Beauvais sandstone
Rensselandia Beds =
Ashland Limestone
of Eastern Missouri

Cedar Valley
Eastern Mo.

Missouri, 1966

Rensselaeria bed
Hall & Riley Bay, S of
Marshall, Mo. 1966



6/66

3486 13
MADE IN U.S.A. U.S. PAT. NO. 3,013,354
JUN 66 W1

Hall & Riley Co., S of
Marshall, Mo. 1966
Russellina bed



6/9

1A99 N 00

MADE IN U.S.A. NO. 3,013,354

3482

MADE IN U.S.A. NO. 3,013,354

Russellian bed
Hall & Riley, Ky. S of
Marshall, Mo. 1966



6/66

JUN 66 W1

MADE IN U.S. PAT. NO. 3,013,354

34828

MADE IN U.S. PAT. NO. 3,013,354

12

Hall & Riley, Aug - 5 of
Marshall, Mo. 1966



99/19

Russellandia near top
of Tunnel

1999 JUN 66 W1

3486

MADE IN U.S.A. U.S. PAT. NO. 3,013,354

16

Callaway on Mo. 19,
1 1/2 mi. N of Big Spring
Mo. 1966



6/9

1966 JUN 66

U.S. PAT. NO. 3,013,354

3482

21

MADE IN U.S.A.

Stromatopora beds at
top of Callaway, on Mo. 19,
1 1/4 mi. N. of Big Spring, Mo.



6/66

1966

3482

23

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JUN 66 W1

Stromatopora beds at
top of Callaway, Mo. 19,
1 1/4 mi. N of Big Spring, Mo.



1966

6/66

MADE IN U.S.A. U.S. PAT. NO. 3,013,354
3482 JUN 66 24

Collarway on Mo. 19,
1 1/4 mi. N of Big Spring,
Mo. 1966.



6/76

MADE IN U.S.A. PAT. NO. 3,013,354
3482 JUN 66 W1 22

Cross-bedded calcarenite
with Anathomyris - 2 1/2
mi. S of Clifton City, Mo



1966

6/66

3474

JUN 66

MADE IN U.S.A. U.S. PAT. NO. 3,013,354

Upper Callaway - 2 1/2
miles S. of Clifton
City, Missouri 1966



6/66

JUN 66 W 1

3474

21

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Road cut $\frac{1}{2}$ mile. W of
Brussels, Mo - Cystiphyllum
bed. 1966.



97/9

MADE IN U.S.A. NO. 3,013,354
JUN 66 W1 3488 12

Cedar Valley, on road
1/2 mile W of Brussels,
Mo. 1966



6/66

JUN 66 W1

3477

MADE IN U.S.A. U.S. PAT. NO. 3,013,354

Cedar Valley in creek
1/2 mile W of Brussels, Mo.
1986



99/9

Blue beds at base =
Maquoketa

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3477

13

Cedar Valley in creek
1/2 mile W of Bussalo,
Mo. 1966,



99/9
66

Blue beds = Magnolia

JUN 66 W1

MADE IN U.S.A.

PAT. NO. 3,013,354

5477

MADE IN U.S.A.

JUN 66 W1

Missouri, 1966

Qy. in Kimmurwick ls.
Central Stone Co. Qy.
Kearney Co., Mo. 1966



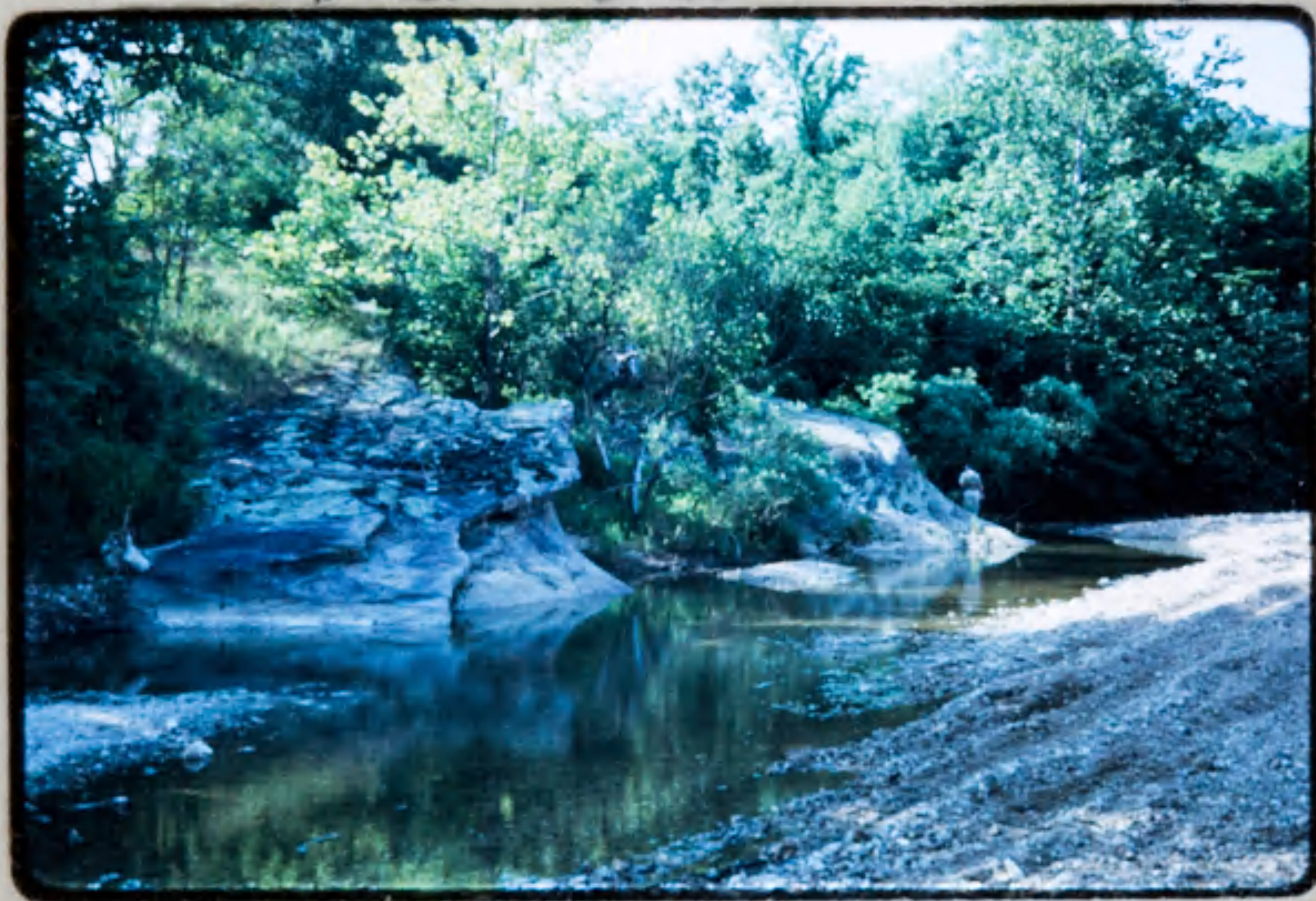
99/9 Kimmurwick (Ordovician)

3487

JUN 66 W1

MADE IN U.S.A. U.S. PAT. NO. 3,013,354

Bearvada sandstone
near Boorman school,
Little Saline R.
Missouri 1966



6/66

MADE IN U.S.A. U.S. PAT. NO. 3,013,354
3475

inclined bedding
in Rensselaeria beds
of Ashland fm. on



99/9

Cedar creek,
Rensselaeria, O, Mo

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375480961 19660815

Callaway = Ashland on
Cedar Creek, Ramapo area
□, E of Shick, Mo. 1966



6/66

JUN 66 W1

MADE IN U.S.A. PAT. NO. 3,013,354

3480

37

Callaway = Oakland on
Cedar Creek, Russell
Co., Mo. 1966



6/9 E of Shield

JUN 66

MADE IN U.S.A. PAT. NO. 3,013,354

3485

35

Callaway = Ashland on
Cedar Creek, Reusschen
□, Missouri 1966.



99/9 E of Shiel

3480 36
MADE IN U.S.A. U.S. PAT. NO. 3,013,354

Quarry on RR 2 miles
E of Lupus, Missouri



99/9

Russellian beds -
dark brown at top.

JUN 66 W1

U.S. PAT. NO. 3,013,354

3483

MADE IN U.S.A.

Russellian bed in
works, 2 miles E of
Lupas on S side Mo. Pac.

RR



6/66

Missouri
1966

MADE IN U.S. PAT. NO. 3,013,354 34 58 34

Unconformity at base of
Callaway - Tom points
to Rensselaeria bed.



99/9

ay 2 1/2 mi. E of Lupus,
Mo, 1966

JUN 66 W1

MADE IN U.S. PAT. NO. 3,013,354

3476

36

Unconformity at base
of Callaway - Aug 2 1/2 mi.
E of Lyons, Mo. 1966.



79/9

From points to Renascence
bed.

JUN 66 W1

MADE IN U.S.A.

PAT. NO. 3,013,354

3476

MADE IN U.S.A.

35

Callaway ls. - Rensselaeria
bed at Mottabook, Ky.
2 1/2 mi. E of Lexington, Mo. 1966.



6/66

JUN 66 W1

3483

33

MADE IN U.S.A. U.S. PAT. NO. 3,013,354

Unconformity at base of
Callaway, Qy. 2 1/2 mi. E
of Lupus, Mo. 1966



77/7

Notebook on
Rensselaeria fed.

JUN 66 W1

MADE IN U.S. PAT. NO. 3,013,354

3483

MADE IN U.S. PAT. NO. 3,013,354

Form. SS & shale in
cellarway on USGS N of
Bellevue, Missouri 1966.



99/9 Sink or cavern at
99/9 Pinedale section as in

Qy. $\frac{1}{2}$ miles E of Lyons,

Mo. 1966

Rensselaeria bed



97/9 under Town

1966 JUN 68 W1

MADE IN U.S.A. PAT. NO. 3,013,354

3483

29

MADE IN U.S.A. PAT. NO. 3,013,354

Qy $2\frac{1}{2}$ miles E of Lyons,
Missouri
Rensselaerian bed



6/6/9 under 70m

MADE IN U.S.A. PAT. NO. 3,013,354
3483 30

Qy 2 1/2 miles E of Lopus,
Mo.

Rembrandt beds
under Torm 1966



6/6

JUN 66 W1

MADE IN U.S.A. PAT. NO. 3,013,354

3483

31

Coal beds in cut
on U.S. 40 - 1.9 mi. W.
of Mineola, Mo. 1966



6/66

3488

20

MADE IN U.S.A. U.S. PAT. NO. 3,013,354

Callaway - Holtz
Summit RR cut
Missouri 1966



6/66

Bed of abundant
fossils

JUN 66 W1

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3479

10

Callaway = Cooper Fm.
Rd cut on US 63, S of Oldham
Junction & 7 miles N of



99/9

Jefferson City, Mo.

JUN 66 W1

MADE IN U.S. PAT. NO. 3,013,354

8473

9

Callaway - road cut
1.9 mi. W of Minnola, Mo.
1966



6/66

1966 JUN 66 W1

MADE IN U.S.A. PAT. NO. 3,013,354

3488

19

Russellia
Hall & Riley Cr. 50f
Marshall, Missouri 1966



6/66

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3486 JUN 66 15

Russellia bed
Haller Riley, Aug., 5 of
Marshall, Mo. 1966



6/66

MADE IN U.S.A. U.S. PAT. NO. 3,013,354
3486 JUN 66 14